SMART LOGGING WITH ANCORELOG

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The Analytical Core Logger "ANCORELOG" funded by the EU EIT Raw Material program, is a new generation mobile drill core logging system under development and will be ready for the market in 2021. ANCORELOG measures chemical, physical and structural rock properties fast, with high reliability. The ANCORELOG system is robust and easy to operate. Data fusion from multiple sensors (RGB camera, Laser induced breakdown spectroscopy (LIBS) and X-ray fluorescence, coupled with X-Ray transmission) through cloud computing and smart classification algorithms allows the conversion of measured sample properties into geological, geometallurgical, and geotechnical domains. On-site-real-time measurements reduce time and costs of core sample analysis. ANCORELOG standardizes and enhances objectivity as well as repeatability of the core sample analyses and improves the decision-making. ANCORELOG is adopted to customer needs by being modular. All data can be integrated into existing geo-modelling software.

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